

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-3165)</i>					PAGE 1 OF 1 <hr/> DATE February 1, 2006		
TO: Commander 90 (OAN) First Coast Guard District				FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090			
RIVER/HARBOR NAME AND STATE: Great Kills Harbor, Staten Island, New York					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	MAP FILE NO. SURVEY DATE	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
<u>REACH A:</u> Commences from the entrance of channel (approx. 2,130 feet seaward of Red Nun Buoy #4/Green Can Buoy #3) to approx. 120 feet seaward of red Nun Buoy # 10.	Map 46 P 1 & 2 of 4 Oct 4 & Nov 8, 2005	150	0.82	10	+0.4	+0.6	+2.3
<u>REACH B:</u> Commences from approx. 260 feet landward of Red Nun Buoy #8 to end of channel (approx. 345 feet landward of Red Nun Buoy # 16).	Map 46 P 2 & 3 of 4 Oct 4 & Nov 8, 2005	150	0.80	10	8.7	11.0	+0.1
<u>REACH C:</u> Anchorage Area located along the right side of the channel - Commences from approx. 445 feet landward of Red Nun Buoy #10 to end of the channel (approx. 345 feet landward of Red Nun Buoy # 16).	Map 46 P 2, 3 & 4 of 4 Oct 4 & Nov 8, 2005	Irregular	138 acres	8	*Minimum depth is 7.6 feet		
REMARKS: <ul style="list-style-type: none"> - All depths are in Mean Low Water (MLW). - Coordinates Referencing Long Island Lambert System (NAD 1983) - Channel Length is in Nautical Miles - Reach A: Shoaling begins just inside the entrance of the channel along the right outside quarter and extends to the width of the reach before tapering off about 420 feet seaward of Red Nun Buoy #4. Then, approximately 750 feet landward of Red Nun Buoy #4, shoaling spread across the entire width of the channel. The major shoal has effectively blocked the channel from about 325 feet seaward of Red Nun Buoy #6 (about 1,240 feet landward of Red Nun Buoy #4) to just landward of same buoy; due to positive elevations across the channel. - Reach B: Some shoaling appear just right of Red Nun Buoy #10 along the right outside quarter and along the left outside quarter approximately 855 feet landward of the same buoy. - *Reach C: Anchorage Area – The minimum depth for the anchorage area is 7.6 feet; however, a minimum depth of +2.0 feet exist in the extreme southwest corner of the anchorage in the area adjacent to Crooks Point. This area is generally not included in maintenance dredging operations. 							